		Pushing the Er	velope
		2009 Mathem	
		Content Stan	
Montana Mathematic	es .		
Grades 5-8			
Activity/Lesson	State	Standards	
7.00.7.107.2000.1.	- Ctuto	- Currunt	Measure and compute angles, perimeter, area,
Types of Engines (surface area, and volume including the use of
pgs. 11-23)	MT	MA.5-8.3.4	formulas and choosing appropriate units.
pg0. 11 20)	1011	1017.0-0.0.4	Measure and compute angles, perimeter, area,
Chemistry (pgs. 25-			surface area, and volume including the use of
41)	MT	MA.5-8.3.4	formulas and choosing appropriate units.
41)	IVI I	IVIA.3-0.3.4	Understand and apply proportional relationships
			to model real world situations and to solve
Physics and Math			problems involving rates, ratios, proportions,
•	МТ	MA.5-8.1.6	percents, and direct variation.
(pgs. 43-63)	IVI I	IVIA.3-0.1.0	Measure and compute angles, perimeter, area,
Dhysics and Math			surface area, and volume including the use of
Physics and Math	NAT	MA 5 0 2 4	
(pgs. 43-63)	MT	MA.5-8.3.4	formulas and choosing appropriate units.
De aleat A atheite de se			Measure and compute angles, perimeter, area,
Rocket Activity (pgs.	N 4-T	NAA 5 0 0 4	surface area, and volume including the use of
69-75)	MT	MA.5-8.3.4	formulas and choosing appropriate units.
		Pushing the Er	wolono
		2009 Mathem	
		Content Stan	
Montana Mathematic	es.	Johnson Gran	
Grades 9-12			
Activity/Lesson	State	Standards	
Activity/L033011	Otato	Otanidards	Identify givens and unknowns in familiar and
			unfamiliar situations (e.g., finance, culture,
			including Montana American Indians, and
Physics and Math			nature) and describe relationships between
(pgs. 43-63)	MT	MA.9-12.1.5	variables.
(pgs. 43-03)	IVI I	IVIA.9-12.1.5	variables.
			Represent functions in a variety of ways
			including tables, graphs or diagrams, verbal
			descriptions, and symbolic expressions in
Physics and Math			recursive and explicit form. Justify the choice of
_	МТ	MA.9-12.4.1	
(pgs. 43-63)	IVI I	IVIA.9-12.4. I	an appropriate form for solving a given problem.
			Analyze the effects of transformations on
			families of functions and recognize their
Dhysian ard Math			characteristics. Represent and use functions in
Physics and Math	NAT	NAA O 40 4 4	equivalent forms to identify and perform
(pgs. 43-63)	MT	MA.9-12.4.4	transformations.